

ROCKY FLATS PLANT
EMD RFI/RI WORK PLAN OU-5
WOMAN CREEK PRIORITY
DRAINAGE

Manual No.: 21100-WP-OU 05.1
Procedure No.: Table of Contents, Rev 1
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Effective Date: 02/24/92
Organization: Environmental Management

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ROCKY FLATS PLANT
ENVIRONMENTAL MANAGEMENT DEPARTMENT

This is a RED Stamp

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ADMIN RECORD

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By U.S. Landelweck

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ATTACHMENT
for Work Plan OU-5 Woman Creek Priority Drainage

- Insert new cover pages for each volume, and insert new spines with your copy number on it.
- Insert new Table of contents, and detailed Table of Contents and destroy old TOC.
- Insert new Executive Summary and destroy old ES.
- Insert new pages and **destroy old corresponding page numbers.**
 - Insert page 1 of section 1.
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 - Insert page 1 of section 8.
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 - Insert new section 12.
- Note that volume II has no changes except for adding second copy of Table of Contents and cover/spine.

Any questions please call Carlotta Muheim at 966-3893.

EG&G ROCKY FLATS PLANT
RFI/RI Work Plan for OU5

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Approved By:

[Signature] 2/29/92
Name (Date)

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EG&G - ROCKY FLATS PLANT
ENVIRONMENTAL MANAGEMENT DEPARTMENT
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5.0

PHASE I RCRA FACILITY INVESTIGATION/ REMEDIAL INVESTIGATION TASKS

5.1 TASK 1 - PROJECT PLANNING

Project planning will consist of the activities necessary to initiate the Phase I RCRA Facility Investigation (RFI)/Remedial Investigation (RI) of the Individual Hazardous Substance Sites (IHSSs) in the Woman Creek drainage. Activities undertaken for this project have included a review of previous investigations, historical aerial photographs, and other historical information. Results of this review are presented in Section 2.0 of this work plan. Prior to field investigations, it is necessary to complete the review of the existing data, including plant records and plans, available aerial photographs, and new data which become available after preparation of this work plan. The Interagency Agreement (IAG) also requires the submittal of several existing reports to the regulatory agencies. These reports will be assembled and reviewed during the project planning task.

Available aerial photographs will be reviewed again to assess the types and extent of activities at several of the IHSSs. A discussion of the aerial photograph review for each unit is included as the Step 1 work for each unit in Section 7.0 of this document. Available reports and plant plans will also be reviewed again. The findings of the aerial photo review and the records review will be used to finalize the field investigation program.

There are ongoing site studies at Rocky Flats of surface water and sediments, groundwater, geology (EG&G 1990b), background geochemistry (EG&G 1990c), and ambient air that may provide data that have bearing on the investigations in Woman Creek. These data will be compiled and evaluated during Task 1. Data from investigations at overlapping OUs will also be reviewed. For example, the need for additional surface water and sediment sampling locations will be dependent on the locations of ongoing sampling and the scope of analyses. If available data from ongoing investigations meet the requirements of the Phase I sampling and analysis plan, the samples proposed in Section 7.0 need not be collected again.

Other project-related documents are currently being prepared. The Sampling and Analysis Plan (SAP), which includes the site-wide Quality Assurance Project Plan (QAPJP) and Standard Operating Procedures (SOP) for field activities, is currently being completed by EG&G. The Health and Safety Plan (HSP) is also being completed by EG&G. The Field Sampling Plan (FSP) is included as Section 7.0 of this document. The Phase I FSP will be revised as necessary based on the findings of the photo and records review.

5.2 TASK 2 - COMMUNITY RELATIONS

The information contained in this section is summarized from DOE (1990b). In accordance with the IAG, dated January 22, 1991, the Communications Department at Rocky Flats is developing a plant-wide Community Relations Plan (CRP) to develop an interactive relationship with the public relating to environmental restoration activities. A Draft Community Relations Survey Plan has been completed and forwarded to the Environmental Protection Agency (EPA), the Colorado Department of Health (CDH), and the public for review. This plan specifies activities planned to complete the Environmental Restoration (ER) Program CRP, including plans for community interviews. The draft CRP was completed in September and the final CRP in November 1990, in accordance with the IAG schedules. Accordingly, a site-specific CRP is not required for Operable Unit Number 5 (OU5). The ER program community relations activities include participation by plant representatives in informational workshops, meetings of the Rocky Flats Environmental Monitoring Council, briefings of the public on proposed remedial action plans, and meetings to solicit public comment on various ER program plans and actions.

The Communications Department is continuing other public information efforts to keep the public informed on ER activities and other issues related to plant operations. A Speakers Bureau program sends speakers to civic groups and educational organizations, while a public tour program allows the public to visit Rocky Flats. An Outreach Program is also in place in which plant officials visit elected officials, the news media, and business and civic organizations to further discuss issues related to Rocky Flats and ER activities. The Communications Department receives numerous public inquiries which are answered through telephone conversations or by sending written informational materials to the requestor.

5.3 TASK 3 - FIELD INVESTIGATION

Phase I field investigations will be conducted at the IHSSs in Woman Creek to collect samples and data concerning the nature and extent of contamination, if any, at each unit. The data and sample results will be used to support the Phase I Environmental Evaluation and Phase I Baseline Risk Assessment, as well as meet the objectives and data needs described in Section 4.0 of this work plan. Additional phase(s) of investigation and risk assessment will be required for IHSS 115, and may be required at other IHSSs prior to Feasibility Studies.

Three types of activities will be performed during the Phase I field investigation: screening activities, sampling activities, and monitoring well installation. Screening activities include visual inspections, radiological surveys, magnetometer surveys and soil gas surveys. Sampling activities include surface soil sampling, subsurface sampling using test borings, surface water sampling, and sediment sampling. Monitoring wells will be installed and sampled at specified locations and in some test borings.